The Use and Limitations of Static-Analysis Tools to Improve Software Quality

Dr. Paul Anderson. Advanced static-analysis tools have been found to be effective at finding defects that jeopardize system safety and security. This article describes how these work and outlines their limitations. They are best used in combination with traditional dynamic testing techniques, and can even reduce the cost to create and manage test cases for stringent run-time coverage.

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1.   https://buildsecurityin.us-cert.gov/adm-bsi/1185-BSI.html

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